

2,2,6,6-四甲基-3,5-庚二酮 (TMHD) 不溶于水 (0.02g/100mL)，是一种高效萃取溶剂。铈和镱与TMHD形成的螯合物可用做NMR位移试剂，在GC分析试验中可分析Al,Be,Cr和稀土金属。同时，TMHD作为配体备受青睐。它与多种金属形成的金属配合物，可以用作MOCVD前驱体和均相反应的催化剂，并能有效提高苛刻条件反应（如Ullmann反应）收率。

美国STREM工厂提供各种高纯度、品质卓越的2,2,6,6-四甲基-3,5-庚二酮金属化合物，满足不同研究领域需求。

2008年百灵威与STREM正式签署战略合作协议，全权负责STREM在中国市场的产品销售、技术应用与支持等各项业务。百灵威始终秉承“资源共享，共同发展”之理念，一如既往地为中国化学行业广大科研和生产用户提供品质卓越的有机金属、配体、催化剂等产品及服务！

metals • inorganics • organometallics • catalysts • ligands • custom synthesis • cGMP facilities • nanomaterials

• Aluminum	• Europium	• Molybdenum	• Scandium
• Barium	• Gadolinium	• Neodymium	• Silver
• Bismuth	• Gallium	• Nickel	• Strontium
• Calcium	• Holmium	• Niobium	• Terbium
• Cerium	• Indium	• Oxygen	• Thallium
• Cesium	• Iron	• Palladium	• Thulium
• Chromium	• Lanthanum	• Potassium	• Titanium
• Cobalt	• Lead	• Praseodymium	• Ytterbium
• Copper	• Lithium	• Rubidium	• Yttrium
• Dysprosium	• Magnesium	• Ruthenium	• Zinc
• Erbium	• Manganese	• Samarium	• Zirconium

13-5000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)aluminum, 99% (99.9%-Al) [Al(TMHD)₃] [14319-08-5] Al(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 576.80; white xtl.; m.p. 255-258°; b.p. dec. >400° (subl. 150°/0.01mm)	1g 5g 25g
56-8500 HAZ	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)barium hydrate [Ba(TMHD)₂] [17594-47-7] Ba(C ₁₁ H ₁₉ O ₂) ₂ ·XH ₂ O; FW: 503.85; white powdr.; m.p. 195-200°; b.p. dec. 285° (subl. 225°/0.05mm) <i>moisture sensitive</i>	1g 5g 25g
83-1000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)bismuth(III), min. 98% (99.9%-Bi) [Bi(TMHD)₃] [142617-53-6] Bi(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 758.74; off-white xtl.; m.p. 114-116°; b.p. dec. 295° (subl. 150°/0.05mm)	1g 5g 25g
20-1000	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)calcium [Ca(TMHD)₂] [36818-89-0] Ca(C ₁₁ H ₁₉ O ₂) ₂ ; FW: 406.62; white powdr.; m.p. 220-223°; b.p. dec. 280° (subl. 205°/0.1mm)	1g 5g 25g
58-5000	Tetrakis(2,2,6,6-tetramethyl-3,5-heptanedionato)cerium(IV), min. 97% (99.9%-Ce) (REO) [Ce(TMHD)₄] [18960-54-8] Ce(C ₁₁ H ₁₉ O ₂) ₄ ; FW: 873.20; red powdr.; m.p. 275-280°; b.p. dec. 295° (subl. 140°/0.05mm)	1g 5g 25g
55-5000	2,2,6,6-Tetramethyl-3,5-heptanedionato cesium [Cs(TMHD)] [61346-75-6] CsC ₁₁ H ₁₉ O ₂ ; FW: 316.18; pale yellow powdr.	1g 5g
24-1500	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)chromium(III), 99% [Cr(TMHD)₃] [14434-47-0] Cr(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 601.82; purple xtl.; m.p. 230-232°; b.p. dec. 270°	1g 5g
27-3000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)cobalt(III), 99% (99.9%-Co) [Co(TMHD)₃] [14877-41-9] Co(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 608.74; green powdr.; m.p. 254-256°; b.p. 250° dec. (subl. 120°/0.5mm)	1g 5g 25g
29-3000	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)copper(II), 99% [Cu(TMHD)₂] [14040-05-2] Cu(C ₁₁ H ₁₉ O ₂) ₂ ; FW: 430.05; blue xtl.; m.p. 198°; b.p. dec. 315° (subl. 88°/0.05mm)	1g 5g 25g
66-8500	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)dysprosium(III), 98+% (99.9%-Dy) (REO) [Dy(TMHD)₃] [15522-69-7] Dy(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 712.31; off-white xtl.; m.p. 182-185°; b.p. dec. 265° <i>hygroscopic</i>	1g 5g

68-8750	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)erbium(III), 99% (99.9%-Er) (REO) [Er(TMHD)₃] [35733-23-4] Er(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 717.08; pink xtl.; m.p. 168-171°; b.p. dec. 345° (subl. 160°/0.1mm)	1g 5g 25g
93-6328	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)europium(III), 99% (99.9%-Eu) (REO) [Eu(TMHD)₃] [15522-71-1] Eu(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 701.78; yellow powdr.; m.p. 188-189°; b.p. dec. 275°	1g 5g
64-5000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)gadolinium(III), 99% (99.9%-Gd) (REO) [Gd(TMHD)₃] [14768-15-1] Gd(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 707.07; off-white xtl.; m.p. 178-183°; b.p. dec. 295°	1g 5g
31-5000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)gallium(III), 99% (99.999%-Ga) [Ga(TMHD)₃] PURATREM [34228-15-4] Ga(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 619.54; white xtl.; m.p. 219-220°; b.p. dec. 360° (subl. 170°/0.2mm)	1g 5g 25g
67-5000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)holmium(III), 99% (99.9%-Ho) (REO) [Ho(TMHD)₃] [15522-73-3] Ho(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 714.75; off-white xtl.; m.p. 179-181°; b.p. dec. 290°	1g 5g
49-2200	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)indium(III), 99% (99.9%-In) [In(TMHD)₃] [34269-03-9] In(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 664.63; white to off-white powdr.; m.p. 167°	1g 5g
26-3910	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)iron(III), 99% (99.9%-Fe) [Fe(TMHD)₃] [14876-47-2] Fe(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 605.66; red xtl.; m.p. 164°; b.p. dec. 300°	1g 5g 25g
57-1000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)lanthanum(III), 99% (99.9%-La) (REO) [La(TMHD)₃] [14319-13-2] La(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 688.72; white powdr.; m.p. 227-231°; b.p. dec. 370° (subl. 210°/0.2mm)	1g 5g 25g
82-2100	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)lead(II), 99% [Pb(TMHD)₂] [21319-43-7] Pb(C ₁₁ H ₁₉ O ₂) ₂ ; FW: 573.75; white powdr.; m.p. 126-128°; b.p. 325° dec. (subl. 134°/0.1mm)	1g 5g 25g
03-5001	2,2,6,6-Tetramethyl-3,5-heptanedionato lithium, 98+% [Li(TMHD)] [22441-13-0] LiC ₁₁ H ₁₉ O ₂ ; FW: 190.24; white powdr.; m.p. 265-268°; b.p. dec. 295°	1g 5g 25g
12-0900	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)magnesium, anhydrous, min. 98% [Mg(TMHD)₂] [21361-35-3] Mg(C ₁₁ H ₁₉ O ₂) ₂ ; FW: 390.85; white powdr. <i>hygroscopic</i>	1g 5g
12-1000	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)magnesium dihydrate, min. 98% [Mg(TMHD)₂] [21361-35-3] Mg(C ₁₁ H ₁₉ O ₂) ₂ ·2H ₂ O; FW: 390.85 (426.88); white powdr.; m.p. 135-150° (-H ₂ O); b.p. dec. 290° (subl. 150°/0.05mm)	1g 5g 25g
25-5000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)manganese(III), 99% [Mn(TMHD)₃] [14324-99-3] Mn(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 604.74; black xtl.; m.p. 165°; b.p. dec. 255°	1g 5g 25g
42-1357	Molybdenum(VI) dioxide bis(2,2,6,6-tetramethyl-3,5-heptanedionato), min. 98% [O₂Mo(TMHD)₂] [34872-98-5] MoO ₂ (C ₁₁ H ₁₉ O ₂) ₂ ; FW: 494.48; yellow xtl.; m.p. 129-131° <i>moisture sensitive</i>	1g 5g 25g
60-8750	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)neodymium(III), 99% (99.9%-Nd) (REO) [Nd(TMHD)₃] [15492-47-4] Nd(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 694.06; light purple xtl.; m.p. 209-212°; b.p. dec. 270° (subl. 150°/0.1mm)	1g 5g
28-0088	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)nickel(II), min. 98% (99.9%-Ni) [Ni(TMHD)₂] [41749-92-2] Ni(C ₁₁ H ₁₉ O ₂) ₂ ; FW: 425.23; purple xtl.; m.p. 223-225°; b.p. subl. 90-110°/0.1mm <i>hygroscopic</i>	1g 5g 25g
41-7000	Tetrakis(2,2,6,6-tetramethyl-3,5-heptanedionato)niobium(IV), 99% [Nb(TMHD)₄] [41706-15-4] Nb(C ₁₁ H ₁₉ O ₂) ₄ ; FW: 826.00; black xtl.; m.p. 219-220°; b.p. dec. 325°	1g 5g 25g
08-2050	2,2,6,6-Tetramethylheptane-3,5-dione, 98% TMHD [1118-71-4] (CH ₃) ₃ CC(O)CH ₂ C(O)C(CH ₃) ₃ ; FW: 184.28; colorless to pale yellow liq.; b.p. 72-73°/6 mm; f.p. 153°F; d. 0.883	5g 25g 100g
46-0248	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)palladium(II), min. 98% [Pd(TMHD)₂] [15214-66-1] Pd(C ₁₁ H ₁₉ O ₂) ₂ ; FW: 472.95; orange powdr.	1g 5g
19-6000	2,2,6,6-Tetramethyl-3,5-heptanedionato potassium, min. 95% [K(TMHD)] [22441-14-1] KC ₁₁ H ₁₉ O ₂ ; FW: 222.40; light brown powdr.; b.p. dec. 150° <i>hygroscopic</i>	1g 5g 25g
93-5937	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)praseodymium(III), 99% (99.9%-Pr) (REO) [Pr(TMHD)₃] [15492-48-5] Pr(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 690.72; light green powdr.; m.p. 212-214°; b.p. dec. 300° (subl. 150°/0.1mm)	1g 5g
37-5000	2,2,6,6-Tetramethyl-3,5-heptanedionato rubidium [Rb(TMHD)] [166439-15-2] RbC ₁₁ H ₁₉ O ₂ ; FW: 268.74; white to off-white powdr.	1g 5g 25g

44-8000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)ruthenium(III), 99% (99.9%-Ru) [Ru(TMHD) ₃] [38625-54-6] Ru(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 650.88; orange powdr.; m.p. 210-213°; b.p. dec. 250° (subl. 120°/0.5mm)	1g 5g
62-4000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)samarium(III) (99.9%-Sm) (REO) [Sm(TMHD) ₃] [15492-50-9] Sm(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 700.11; pale yellow xtl.; m.p. 191-193°; b.p. dec. 250° (subl. 183°/1.3mm)	1g 5g
21-1000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)scandium(III), 99% (99.9%-Sc) (REO) [Sc(TMHD) ₃] [15492-49-6] Sc(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 594.77; white powdr.; m.p. 150-152°; b.p. dec. 275°	500mg 2g
47-2600	2,2,6,6-Tetramethyl-3,5-heptanedionato silver(I) (99.9%-Ag) [Ag(TMHD)] [79827-25-1] AgC ₁₁ H ₁₉ O ₂ ; FW: 291.14; gray powdr.; m.p. 178° dec.	1g 5g 25g
38-1000	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)strontium hydrate [Sr(TMHD) ₂] [199445-30-2] Sr(C ₁₁ H ₁₉ O ₂) ₂ ·XH ₂ O; FW: 454.16; light yellow powdr.; m.p. 200-203°; b.p. dec. 250° (subl. 230°/0.05mm)	1g 5g 25g
65-8000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)terbium(III), 99% (99.9%-Tb) (REO) [Tb(TMHD) ₃] [15492-51-0] Tb(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 708.74; off-white xtl.; m.p. 155-156°; b.p. dec. 275°	1g 5g
81-1000 HAZ	2,2,6,6-Tetramethyl-3,5-heptanedionato thallium(I), 99% [Tl(TMHD)] [56713-38-3] Tl(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 387.62; off-white xtl.; m.p. 159-164°; b.p. dec. 260° (subl. 110°/0.1mm)	1g 5g
69-7000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)thulium(III), 98% (99.9%-Tm) (REO) [Tm(TMHD) ₃] [15631-58-0] Tm(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 718.75; off-white xtl.; m.p. 169-172°; b.p. dec. 280°	1g 5g
22-0340	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)oxotitanium(IV), min. 95% [OTi(TMHD) ₂] [152248-67-4] OTi(C ₁₁ H ₁₉ O ₂) ₂ ; FW: 430.42; off-white powdr.; m.p. 120° dec.	500mg 2g 10g
22-6000 amp	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)titanium(III), min. 97% [Ti(TMHD) ₃] [181418-64-4] Ti(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 597.70; purple xtl.; b.p. subl. 75°/0.1mm air sensitive	1g 5g 25g
70-0100	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)ytterbium(III), 99% (99.9%-Yb) (REO) [Yb(TMHD) ₃] [15492-52-1] Yb(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 722.86; off-white xtl.; m.p. 167-169°; b.p. dec. 300°	1g 5g
39-1000	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)yttrium(III), 98+% (99.9%-Y) (REO) [Y(TMHD) ₃] [15632-39-0] Y(C ₁₁ H ₁₉ O ₂) ₃ ; FW: 638.72; white to off-white xtl.; m.p. 170-173°; b.p. dec. 290° (subl. 95°/0.05mm)	1g 5g 25g
30-0500	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)zinc, 99% [Zn(TMHD) ₂] [14363-14-5] Zn(C ₁₁ H ₁₉ O ₂) ₂ ; FW: 431.93; white xtl.; m.p. 144°; b.p. dec. 250°	1g 5g 25g
40-5000	Tetrakis(2,2,6,6-tetramethyl-3,5-heptanedionato)zirconium(IV), 99% [Zr(TMHD) ₄] [18865-74-2] Zr(C ₁₁ H ₁₉ O ₂) ₄ ; FW: 824.30; white xtl.; m.p. 318-320°; b.p. subl. 180°/0.1mm	1g 5g 25g

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